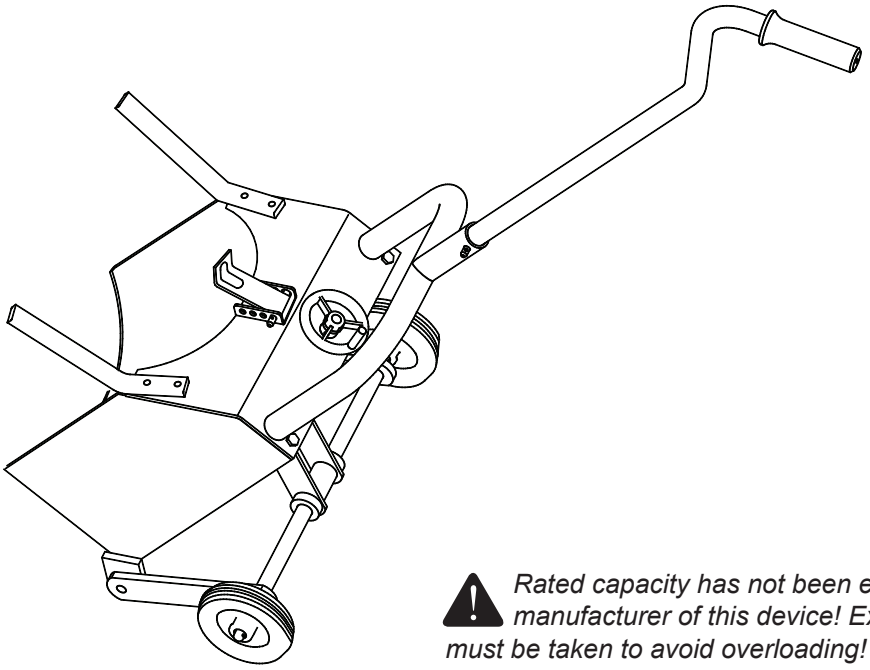
Operating Instructions & Parts Manual

Brake Drum Handler

Model: 46000



Rated capacity has not been established by the manufacturer of this device! Extraordinary care must be taken to avoid overloading!

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ ADVERTENCIA

- Leer, comprender, y seguir las instrucciónes antes de utilizar el aparato.
- El manual de instrucciónes y la información de seguridad deben estar comunicado en lengua del operador antes del uso.
- No seguir estas indicaciónes puede causar daños personales o materiales.

⚠ WARNING

To avoid **crushing and related injuries**:

- **NEVER** work on, under or around a load supported only by a hydraulic jack.
- **ALWAYS** use adequately rated jack stands.

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http://www.omegalift.com

Read this manual and follow all the Safety Rules and Operating Instructions before using this product.

Printed in China
46000-M2 rev 05/10

SAFETY and GENERAL INFORMATION

Save these instructions. For your safety, read, understand, and follow the information provided with and on this equipment before using. The owner and operator of this equipment shall have an understanding of this it and of safe operating procedures before attempting to use. The owner and operator shall be aware that the use and repair of this product may require special skills and knowledge. Instructions and safety information shall be conveyed in the operator's native language before use is authorized. If any doubt exists as to the safe and proper use of this equipment, remove from service immediately.

Inspect before each use. Do not use if broken, bent, cracked or damaged parts are noted. Any Brake Drum Handler that appears damaged in any way, or operates abnormally shall be removed from service immediately. If this equipment has been subjected to a shock load (a load dropped suddenly, unexpectedly upon it), immediately discontinue use until it has been checked by a factory authorized service center (contact distributor or manufacturer for list of authorized service centers). It is recommended that an annual inspection be done by qualified personnel. Labels and Operator's Manuals are available from manufacturer.

PRODUCT DESCRIPTION

The Omega Brake Drum Handler is specifically designed to engage, secure, and transport from an axle assembly, an unfastened and **loose** brake drum/hub assembly. It is not designed to act as a puller and should be relied upon to **ONLY** handle brake drum/hub assemblies which nest within the holding arms and side frames of the Brake Drum Handler as seen in Figs 2, 3.

***Do not** use this device for any purpose other than that for which it is expressly intended.*

SPECIFICATIONS

Model	Min. Bed Height	Max. Bed Height	Product Size (L X W X H)
46000	10-5/8"	15"	61-3/8" X 19-5/8" X 17-5/8"

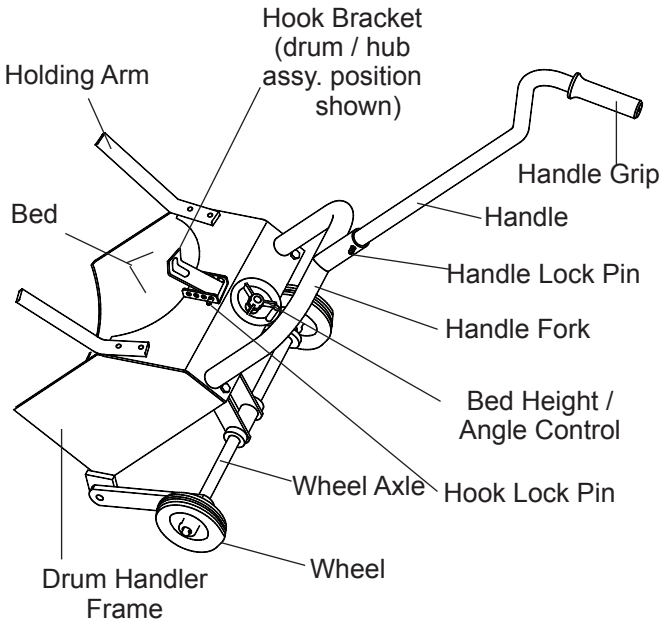

Figure 1 - Model 46000 Nomenclature

BEFORE USE

1. Read and understand instructional and warning materials provided with and on this product.
2. Verify that the product and the application are compatible, if in doubt contact Technical Service @ (888) 332-6419.
3. Thoroughly familiarize yourself with this product, its components, and the hazards associated with its use.
4. Inspect drum handler before each use. Do not use if bent, broken or cracked components are noted. Ensure that all parts move freely.
5. Consult the vehicle manufacturer's service manual for proper preparation and procedures for removing & installing a drum / hub assemblies.

*Rated capacity has not been established by the manufacturer of this device! Extraordinary care must be taken to avoid overloading! Bending, bowing, or cracked components are visible evidence of overloading. If such deformation is noted, **STOP**, immediately discontinue use and transfer load to a drum handler of greater capacity.*

ASSEMBLY

(refer to figure 4 on page 4)

1. Thread the connecting block (#12) to middle rod (#6), then secure to base (#3) with M10 nut and washer (#21 & 22).
2. Secure top cover (#4) and two holding arms (#14) to base (#3) with M6x25 bolts, washers & nuts (#15, 16 & 17)
3. Attach wheel axle (#5) to base (#3) with M12x40 bolts & nuts (#23 & 24)
4. Attach wheels (#18) and washers (#19) to wheel axle (#5), then secure with cotter pins (#20)
5. Secure the axle links (#5A) of wheel axle (#5) to connecting block (#12) with M12 bolts and washers (#13 & 19).
6. Attach hook bracket (#9) to top cover (#4) and secure with lock pin (#11)
7. Attach angle adjustable wheel (#7) to middle rod (#6) with set screw (#8).
8. Attach handle (#1) to top cover (#4) with lock pin (#2).
9. Insert handle grip (#10) to handle (#1).

OPERATION

1. Prepare the brake drum or brake drum/hub assembly for removal according to the instructions in vehicle service manual.
2. Place drum handler in a horizontal position.
3. Turn the angle adjustable wheel until the drum handler is in its lowest postion.
4. Position the handler under the drum until the holding arms meet the outer surface of the drum.
5. Turn the angle adjustable wheel clockwise until the handler meets the lower surface of the drum.
6. Lower the handle to slightly lift the drum. Pull the handler and drum back, away from the brake assembly.
7. Removing/installing drum only:
   Flip the hook bracket into the hub opening of the drum as shown in figure 2.
   Removing/installing drum and hub as assembly:
   Position the hook bracket reverse as shown in figure 3 to allow a wheel nut to secure hook to drum/hub assembly.
8. It may be necessary to adjust the hook. Remove the hook lock pin, and move the hook bracket to any one of four hole locations.
9. Pull the drum completely away from the brake assembly. Slowly and carefully lift the handle to place the drum face down on the floor, being cautious of the transfer of load weight.

Note: Reverse the process to Install the brake drum back to the brake assembly. Be sure to align the drum with the studs and follow the instructions in the vehicle service manual.

⚠ WARNING

- **Study, understand, and follow** all printed materials provided with and on this device **before** use.
- Ensure that vehicle is chocked, lifted, and supported by adequately rated jack stands **before** using this product!
- Use only for removal, installation, and transport of brake drum/hub assys which nest and can be secured within the bed frame and holding arms.
- **DO NOT** overload. Bending, bowing, or cracked components are visible evidence of overloading. If such deformation is noted, ***STOP***, immediately discontinue use and transfer load to a drum handler of greater capacity.
- **Secure** drum **before** transporting.
- Use only on hard, level surface.
- Raise and lower the brake drum slowly.
- Always wear steel-toed shoes when using this device.
- Brake drum dust is hazardous to your health. Consult Federal, State and local regulations concerning the safe handling of asbestos and what precautions to take when handling.
- Failure to heed these markings may result in personal injury and/or property damage.

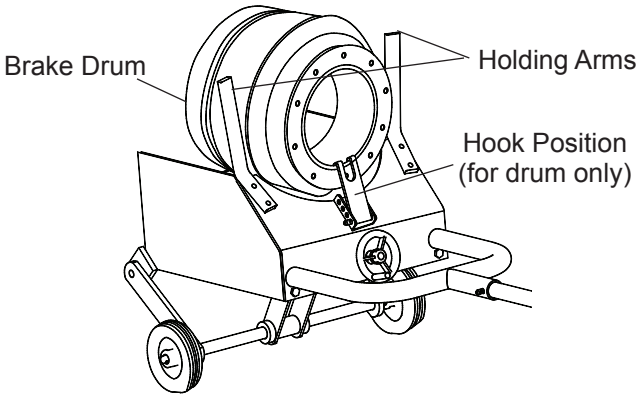

Figure 2 - Illustration for removing/installing drum

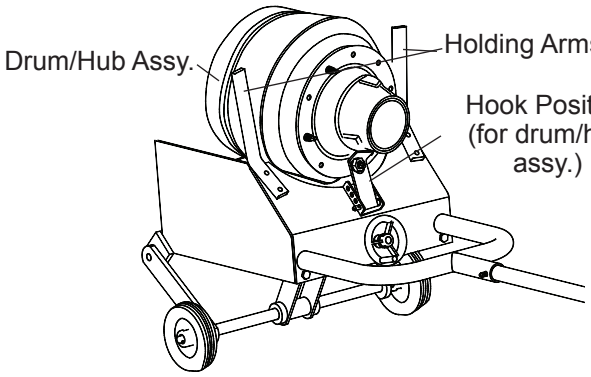

Figure 3 - Illustration for removing/installing drum/hub assembly

MAINTENANCE

Periodically inspect the drum handler. Ensure all parts move freely.

When not in use, store drum handler in upright position and in a clean, dry area.

Lubrication

A periodic coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that assemblies move freely.

Paint contains lead!
DO NOT sand or grind painted surface!

REPLACEMENT PARTS

Not all components of the drum handler are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence. When ordering parts, give Model number, serial number and parts description. Call or write for current pricing: SFA Companies Inc. 10939 N. Pomona Ave. Kansas City, MO 64153, U.S.A. Tel:(888)332-6419 Fax:(816)891-6599 E-Mail:sales@omegalift.com
Omega Website: http://www.omegalift.com

Replacement Parts for Omega 46000

Item#	Part#	Description	Qty.
1	T230-00001-000	Handle	1
2	T230-06000-000	Lock Pin	1
3	N/A	Base	1
4	T230-02000-000	Top Cover	1
5	T230-04000-000	Wheel Axle	1
6	T230-00003-000	Middle Rod	1
7	T230-08000-000	Adjustable Wheel	1
8	*	Screw	1
9	T230-01000-000	Hook Bracket	1
10	T230-00006-000	Handle Grip	1
11	T230-07000-000	Lock Pin	1
12	T230-05000-000	Connecting Block	1
13	T230-00004-000	Hex Bolt M12	2
14	T230-00002-000	Holding Arm	2
15	*	Hex Bolt M6x25	6

Item#	Part#	Description	Qty.
16	*	Washer	6
17	*	Nut M6	6
18	T230-00005-000	Wheel 8"	2
19	*	Washer	6
20	*	Cotter Pin	2
21	*	Washer	1
22	*	Nut M10	1
23	*	Hex Bolt M12x40	2
24	*	Nut M12	2
25	*	Set Screw	2
(*)	T230-09000-000	Hardware Kit	-

Hardware Kit includes item# 8, 15, 16, 17, 19, 20, 21, 22, 23, 24 & 25

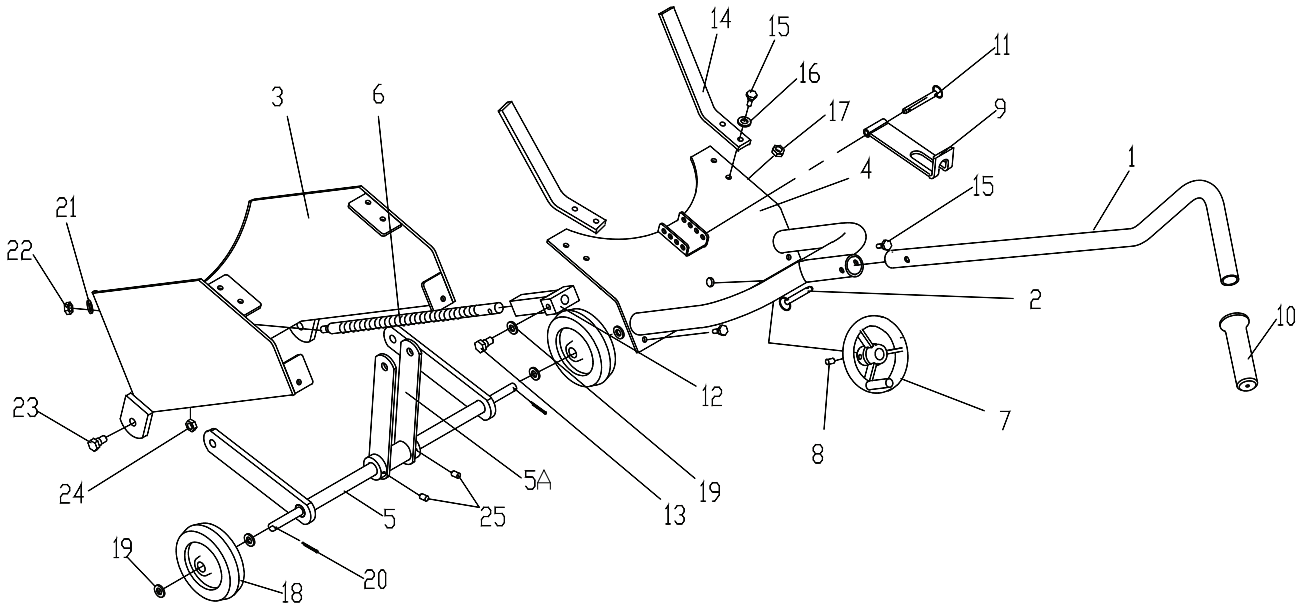

Figure 4 - Replacement Parts Illustration

ONE YEAR LIMITED WARRANTY

For a period of one (1) year from date of purchase, **SFA Companies** will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.

Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, to **SFA Companies** Warranty Service Department, 10939 N. Pomona Ave., Kansas City, MO 64153.

Except where such limitations and exclusions are specifically prohibited by applicable law, (1) THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY SHALL BE THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS DESCRIBED ABOVE. (2) **SFA Companies** SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE OR LOSS WHATSOEVER. (3) ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO ONE YEAR, OTHERWISE THE REPAIR, REPLACEMENT OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. (4) ANY MODIFICATION, ALTERATION, ABUSE, UNAUTHORIZED SERVICE OR ORNAMENTAL DESIGN VOIDS THIS WARRANTY AND IS NOT COVERED BY THIS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Note Page

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